

APPLICANT(S): LINIAL, Michal et al.  
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## APPENDIX 1

### ABSTRACT:

The present invention relates to an automatic method of classifying molecules having similar biologic function comprising the steps of: (a) creating a hierarchical organization of said molecules in a database, wherein groups of clusters are identified using local consideration resulting in related clusters; (b) determining the position of a selected molecule based on the hierarchical organization of step (a), whereby selected molecules of similar biologic function are classified.